

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION OF

SUMIYA

Appln. No.: 09/441,958

Filed: November 17, 1999

Title: SENSOR FOR DETECTING A QUANTITY OF LIGHT INCIDENT ON A VEHICLE  
(as amended herein)

Confirmation No.:

Group Art Unit: 2878

Examiner: T. Luu

December 7, 2001

\* \* \* \* \*

**AMENDMENT**

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 7, 2001, please amend the above identified application as follows and consider the following remarks:

**IN THE TITLE:**

Please delete the present title and replace it with the following new title:

"SENSOR FOR DETECTING A QUANTITY OF LIGHT INCIDENT ON A VEHICLE"

See the attached Appendix for the changes made to effect the title.

**IN THE SPECIFICATION:**

Please replace the paragraph that begins on page 1, line 23 and continues to page 2, line 12 with the following new paragraph:

*A*  
As the sensor capable of detecting the quantity and direction of solar radiation, a 2D (two elements) type sensor has been developed. Referring to FIG. 22, the 2D type sensor has

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): SUMIYA, et al.

Appn. No.: 09

Series Code ↑

441,958

Serial No. ↑

Filed: November 17, 1999

Hon. Commissioner of Patents  
Washington, D.C. 20231

Group Art Unit

2878

Examiner:

T. Luu

Atty. Dkt.

P 265013

M#

52564-US-OT/mk

Client Ref

Appl. Title: SENSOR FOR DETECTING QUANTITY  
OF LIGHT

Sir:

REPLY/AMENDMENT/LETTER

Date: December 7, 2001

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

1. Small Entity claim		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made	For B & C See Required						
B. <input type="checkbox"/> Withdrawn	Separate Paper (Pat-256)						
C. <input type="checkbox"/> made herewith							
D. <input type="checkbox"/> made previously							
2. Total Effective Claims	19	**minus	20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	3	***minus	3	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a reissue application) .....		add		+ \$280/\$140 =	+ \$0		104/204
5. Original due Date: December 7, 2001	<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =					115/215
	(2 mos)	\$400/\$200 =	+ \$0				116/216
	(3 mos)	\$920/\$460 =					117/217
	(Usable only for ≤ 2mo.OA --- 4 mos)	\$1,440/\$720=					118/218
	(Usable only for 30 day/1mo.OA --- 5 mos)	\$1,960/\$980=					128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0					
8.		Extension Fee Attached					
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55	+ \$0				148/248
10. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request	add	+ \$180	+ \$0				126
	add	+ \$180	+ \$0				126
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$740/370	+ \$0				146/246
12. No. of additional inventions for examination per Rule 129(b)		x \$740/370 ea	+ \$0				149/249
13. Request for Continued Examination (RCE)		+ \$740/370	+ \$0				1179/1279
14. Petition fee for			+ \$0				
15.		TOTAL FEE ENCLOSED =	\$0				

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 30954 265013

C# M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Paul T. Bowen

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Atty/Sec: PTB/EED

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments